

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-144  
June 1, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.  
For downstream facilities, submit to Santa Fe office

**Pit or Below-Grade Tank Registration or Closure**

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☐

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☐

Operator: Cimarex Energy CO of Colorado Telephone: 972-401-3111 e-mail address: ZFarms@cimarex.com  
Address: PO Box 140907, Irving, TX 75014-0907  
Facility or well name: Pennzoil 1336 State No 4 API #: 30-025-38559 U/L or Qtr/Qtr 0 Sec 36 T 19S R 33E  
County: Lea Latitude 32° 36' 43.64N Longitude 103° 36' 52.67W NAD: 1927 ☐ 1983 ☒  
Surface Owner: Federal ☐ State ☐ Private ☒ Indian ☐

Pit	Below-grade tank	
Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <u>12</u> mil Clay <input type="checkbox"/> Pit Volume _____ bbl	Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not: _____	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) <u>750 L 100</u>	Less than 50 feet 50 feet or more, but less than 100 feet <u>100 feet or more</u>	(20 points) (10 points) (0 points) <u>10</u>
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes <u>No</u>	(20 points) (0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet <u>1000 feet or more</u>	(20 points) (10 points) (0 points)
Ranking Score (Total Points)		<u>10</u>

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☐ offsite ☐ If offsite, name of facility \_\_\_\_\_. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface \_\_\_\_\_ ft. and attach sample results.

(5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: Closed and finished on 1-12-08

DEEP BURY

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 4/21/2008

Printed Name/Title: D Rogers Only Sept. Signature: [Signature]

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

Printed Name/Title: \_\_\_\_\_

Signature: [Signature]

ENVIRONMENTAL ENGINEER Date: 4.22.08

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-144  
June 1, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.  
For downstream facilities, submit to Santa Fe office

**Pit or Below-Grade Tank Registration or Closure**

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒

Type of action. Registration of a pit or below-grade tank ☒ Closure of a pit or below-grade tank ☐

Operator <u>Cimarex Energy Co. of Colorado</u> Telephone: <u>972-401-3111</u> e-mail address: <u>zfams@cimarex.com</u>	
Address: <u>PO Box 140907, Irving, TX 75014-0907</u>	
Facility or well name: <u>Pennzoil B 36 State No. 4</u> API #: <u>30-025-38559</u> U/L or Qtr/Qtr <u>O</u> Sec <u>36</u> T <u>19S</u> R <u>33E</u>	
County: <u>Lea</u> Latitude <u>32° 36' 43.64 N</u> Longitude <u>103° 36' 52.67 W</u> NAD: 1927 <input type="checkbox"/> 1983 <input checked="" type="checkbox"/>	
Surface Owner: Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input checked="" type="checkbox"/> Indian <input type="checkbox"/>	
<b>Pit</b> Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <u>12</u> mil Clay <input type="checkbox"/> Pit Volume <u>      </u> bbl closed system, cuttings buried	<b>Below-grade tank</b> Volume <u>      </u> bbl Type of fluid <u>      </u> Construction material <u>      </u> Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. <u>      </u>
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) <u>100' &gt; 50' &lt; 100'</u>	Less than 50 feet (20 points) 50 feet or more, but less than 100 feet (10 points) <u>100 feet or more</u> (0 points) <u>10</u>
Wellhead protection area. (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes (20 points) <u>No</u> (0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet (20 points) 200 feet or more, but less than 1000 feet (10 points) <u>1000 feet or more</u> (0 points)
Ranking Score (Total Points) <u>10</u>	

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☐ offsite ☐ If offsite, name of facility        (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered No ☐ Yes ☐ If yes, show depth below ground surface        ft and attach sample results (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 09.11.07

Printed Name/Title Zeno Farris - Manager Operations Administration Signature Zeno Farris

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

Printed Name/Title CHRIS WILKINS/DIST. SNA Signature Chris Williams Date 9/19/07

## Summary Report

Dorsey Rogers  
Cimarex  
207 S Mesa  
Carlsbad, NM, 88220

Report Date: January 7, 2008

Work Order: 8010405



Project Location: Lea Co. N.M.  
Project Name: Pennzoil B 36#

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
146843	North East @ 3'	soil	2008-01-03	08:15	2008-01-04
146844	North West @ 3'	soil	2008-01-03	09:00	2008-01-04
146845	South East @ 3'	soil	2008-01-03	08:30	2008-01-04
146846	South West @ 3'	soil	2008-01-03	08:45	2008-01-04
146847	Background @ 0-6"	soil	2008-01-03	08:00	2008-01-04

**Sample: 146843 - North East @ 3'**

Param	Flag	Result	Units	RL
Chloride		<50.0	mg/Kg	5.00

**Sample: 146844 - North West @ 3'**

Param	Flag	Result	Units	RL
Chloride		<50.0	mg/Kg	5.00

**Sample: 146845 - South East @ 3'**

Param	Flag	Result	Units	RL
Chloride		112	mg/Kg	5.00

**Sample: 146846 - South West @ 3'**

Param	Flag	Result	Units	RL
Chloride		180	mg/Kg	5.00

**Sample: 146847 - Background @ 0-6"**

Report Date: January 7, 2008

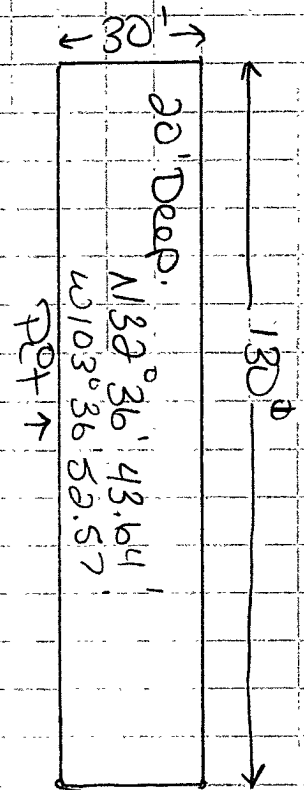
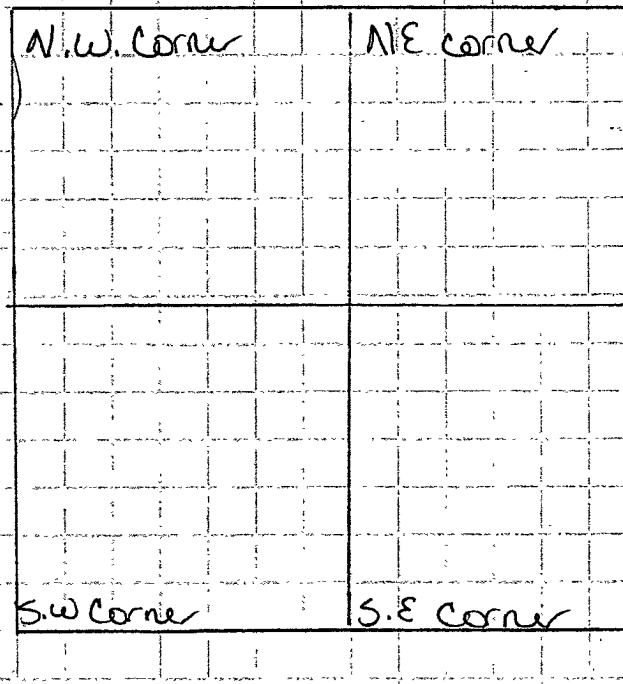
Work Order: 8010405  
Pennzoil B 36#

Page Number: 2 of 2  
Lea Co. N.M.

Param	Flag	Result	Units	RL
Chloride		<50.0	mg/Kg	5.00

Cinerex Pennzoil B 36 #4

Drying Pad 100x100



N.W. Corner N 32° 36' 44.4"  
W 103° 36' 50.8"  
N.E. corner N 32° 36' 44.4"  
W 103° 36' 50.3"  
S.E. Corner N 32° 36' 44.0"  
W 103° 36' 50.4"  
S.W. Corner N 32° 36' 43.9"  
W 103° 36' 50.7"

N 32° 36' 43.6"  
W 103° 36' 49.7"

